ABSTRACT OF THE DISCLOSURE

In an apparatus for reading recorded data, the apparatus, a read signal is sampled from recorded data of a recording medium by synchronizing with a

5   first clock signal. A sample value obtained by the sampling part is stored and also the sample value from the first storing part is retrieved by synchronizing a second clock signal different from the first clock signal and maximum likelihood data is

10   detected by processing the sample value in accordance with a predetermined algorithm. The recorded data is read based on the detected data.